

# List of Objects

Text input

Convert

Name	Salary	Company
Ahmet	4100	Ernst Handel
Mehmet	3800	Island Trading
Zeynep	5120	Island Trading
Tarık	6050	Ernst Handel
Yasin	5480	Island Trading
Mustafa	4700	Ernst Handel
Yılmaz	7200	Island Trading

JSON output

Sample code

```
function toList(str) {
  function toObject(x) {
    let b = {}
    for (let [i,s] of x.split('\t').entries())
      b[keys[i]] = (isNaN(s)? s : Number(s))
    return b
  }
  if (str) inp.value = str
  else str = inp.value
  let [d0, ...data] = str.split('\n')
  let keys = d0.split('\t')
  console.log("Keys:", keys)
  let a = data.map(toObject)
  out.innerText = JSON.stringify(a, '' ,2)
  console.table(a)
  return a
}
```

```

> let keys=d0.split('\t')
< undefined
> a = data.map(toObject)
< ▶ (7) [{...}, {...}, {...}, {...}, {...}, {...}, {...}]
> a.filter(s => s.Salary > 5400).map(n => n.Name) //employees names whose salary is more than 5400
< ▶ (3) ['Tarık', 'Yasin ', 'Yılmaz']
> a.filter(s => s.Company=="Ernst Handel").map(n => n.Salary)//the salary of the employees that work in Ernst Handel company
< ▶ (3) [4100, 6050, 4700]
> a.forEach(x => console.log(x => x.Company=="Island Trading'))
7 x => x.Company=="Island Trading" VM1927:1
< undefined
> a.forEach(x => console.log(x.Name))
Ahmet VM1971:1
Mehmet VM1971:1
Zeynep VM1971:1
Tarık VM1971:1
Yasin VM1971:1
Mustafa VM1971:1
Yılmaz VM1971:1
< undefined
> a.find(n => n.Salary==5480).Name
< 'Yasin '
> //Name of the employee whose salary is 5480
< undefined
> employee=a.find(n => n.Salary==5480)
< ▶ {Name: 'Yasin ', Salary: 5480, Company: 'Island Trading'}
> a.includes(employee)//does this employee exist in a
< true
```